

12/22/01
J1129 US PTO

12-28-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 584-27457 US

First Inventor INVERSEN et al.

Title SHOT DIRECTION INDICATION DEVICE

Express Mail Label No. EL68812158 US

10/028082
12/22/01
PTO

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 11]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. /

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach Bar code label here)		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	DARRYL SPRINGS DIVISION INTELLECTUAL PROPERTY COUNSEL		
Address	BAKER ATLAS DIVISION OF BAKER HUGHES INCORPORATED		
City	HOUSTON	State	TX
Country	USA	Telephone	713-625-6331
Name (Print/Type)	KEITH DERRINGTON	Registration No. (Attorney/Agent)	44061
Signature			Date 12-22-01

Burden Hour Statement This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 740)

Complete if Known

Application Number	584-27457 US
Filing Date	
First Named Inventor	Iverson
Examiner Name	
Group Art Unit	
Attorney Docket No.	584-27457(102,34)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	740
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 740)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	10	-20** =	
Multiple Dependent	2	-3** =	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ —)

3. ADDITIONAL FEES

Large Entity | Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

**or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) (\$)

*Reduced by Basic Filing Fee Paid

Complete (if applicable)

Name (Print/Type)	Keith B. Wessington	Registration No. (Attorney/Agent)	144061	Telephone	713-860-1600
Signature	<i>Keith B. Wessington</i>			Date	11-30-01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Iversen et al.

§ Group Art Unit: **To Be Assigned**

§
§
§
§

Serial No.: **To Be Assigned**

§ Examiner: **To Be Assigned**

§
§
§

Filed: **Herewith**

§ Docket No.: **584-27457 US**

Title: **SHOT DIRECTION
INDICATION DEVICE**

Box Patent Application
Commissioner of Patents & Trademarks
Washington, D.C. 20231

EXPRESS MAIL" MAILING LABEL NUMBER: **EL688812158US**
DATE OF DEPOSIT: December 22, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: The Commissioner of Patents and Trademarks, Box Patent Applications, Washington D.C. 20231.


Signature

PATENT APPLICATION TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 CFR 1.53(b) is the patent application of **Morten Iversen, Kenneth Latveit, Knut Henriksen, Kristian Vargervik, and Tim Sampson**, entitled **SHOT DIRECTION INDICATION DEVICE**.

Enclosed are:

- A Utility Patent Application Transmittal (PTO/SB/05 (03-01))
- A Fee Transmittal Form (PTO/SB/17) and copy.
- A check in the amount of \$740.00 to cover the total filing fee is enclosed.

- X A specification consisting of: a 7 page disclosure, 3 pages of claims, and abstract.
- X Three (3) sets of informal drawings, each set consisting of 2 sheets.
- X A postcard for acknowledgment of receipt of the enclosed documents.
- X Please address all future correspondence to: Darryl M. Springs
Baker Atlas Division of
Baker Hughes Incorporated
P.O. Box 1407
Houston, Texas 77251
(713) 625-6331
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Respectfully submitted,



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December 22, 2001

Enclosures